Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 20 Aug 2020 until 23:59 on Friday 21 Aug 2020

Forecast Issued on Wednesday 19 Aug 2020 at 15:51

Confidence: High confidence for an unseasonably windy spell of weather with periods of heavy rain and squally showers at times. Medium confidence for maximum wind gusts, especially on Friday.

Headline for Thursday 20 Aug 2020: Wet and windy for a time overnight. Breezy and often sunny through the day.

Mountain weather hazards on Thursday 20 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Cloudy	Sunny	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
>95%	20%	00%	00%	<05%	<05%	<05%	<05%

Forecast for Thursday 20 Aug 2020

Weather: Squally winds accompany a band of heavy rain during the early hours of the morning, but this clears to leave a dry and sunny start to the day. Long sunny spells continue through the morning and afternoon and it remains dry, but it will be rather windy throughout. Partly cloudy and dry into the evening with freshening southerly winds.

Chance of cloud free mountain/hill tops above 600m: 10%, with widespread cloud obscuring hills above around 400m until squally rain clears during the early hours. Then near 100% for the rest of the day with all cloud remaining above the hill tops.

Visibility: Poor overnight for a time with low cloud and heavy rain, but excellent clarity of all hills through the day.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 20 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/37 SE	28/40 SW	24/35 SW	21/30 SW	20/31 S	18/28 S	19/28 S	25/38 S	27/41 S
300	22/33 SE	22/34 SW	14/23 S	16/25 S	17/28 S	15/25 S	14/24 S	19/32 S	20/33 S
Valley	13/31 SE	15/33 SW	8/23 S	13/26 S	14/27 S	12/25 S	11/25 S	14/32 S	17/36 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/11	13/9	11/7	13/9	16/12	16/13	16/12	14/9	13/8
300	17/13	16/12	13/11	16/12	18/14	19/16	18/15	16/12	15/11
Valley	17/15	16/13	13/12	17/14	19/16	20/17	19/17	16/14	16/13
Freezing Level*	3900m	1900m	1900m	2000m	2300m	2500m	2600m	2600m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds on hill tops overnight may approach 45mph in association with the band of overnight heavy rain. Strong winds during the day, following the heavy rain previously fallen during the night will lead to poor descent conditions on Thursday for those on hills. Strong sunshine into the afternoon means suncream is necessary.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 19 Aug 2020	2.6mm	12mm	21.4mm

Forecast for Friday 21 Aug 2020

Weather: Windy overnight and becoming mostly cloudy, but probably staying dry until after daybreak. Mainly dry through the morning, but becoming very windy with a spell of short-lived heavy, squally rain into the early afternoon. This clearing to scattered showers and sunny or clear spells through the remainder of the day.

Maximum wind: South to south-easterly 30-35mph, with gusts 45-50mph, increasing to south to south-westerly 35-40 mph, with 55-60 mph gusts on hill tops during the morning and afternoon.

Chance of cloud free mountain/hill tops above 600m: 90% overnight and during the morning, temporarily reducing to 60% as the squally heavy band of rain passes through into the afternoon. 90% thereafter.

Visibility: Very good views of distant hills in general. Nearby hills appearing as feint outlines as heavy rain passes through early afternoon, although even nearby hills may become obscured briefly in any intense rain, or low cloud on hill tops.

Temperature: **Valleys:** Plus 15 becoming Plus 20 Celsius.
At 600m: Plus 12 becoming Plus 15 Celsius.
Freezing level: Above the summits.

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